

**ITEM #: RESO 08-282**

**FISCAL IMPACT: not to exceed \$55,000**

**FUNDING SOURCE: \_\_\_\_\_**

**ACCOUNT NUMBER: \_\_\_\_\_**

**BUDGET OPENING REQUIRED: YES**

**ISSUE:**

Approve funding for a feasibility study of high-capacity intersection design at 4100 South and Bangerter Highway.

**SYNOPSIS:**

Appropriate funds to hire Avenue Consultants to evaluate high-capacity at-grade intersection alternatives for the intersection of 4100 South and Bangerter Highway and produce conceptual design and cost estimate.

**BACKGROUND:**

East-west travel on 4100 South is severely congested during peak travel times during the day. Travel time study data shows that Bangerter Highway is the choke point for east-west travel in the City. The continuous flow intersection (CFI) at 3500 South and Bangerter Highway has improved east-west travel on 3500 South.

This study will address the City Council action item to complete a feasibility study and conceptual design for a high-capacity at-grade intersection at 4100 South and Bangerter Highway that will relieve east-west congestion that has been assigned to the transportation division.

Avenue Consultants has provided a proposal to complete the study that will look at up to three different alternatives and make recommendations based on cost/benefit analysis for a preferred alternative. This study will be used to help secure federal and state funding to reconstruct the intersection.

**RECOMMENDATION:**

Appropriate funds to conduct the conceptual studies at the intersection of 4100 South and Bangerter Highway and approve contract with Avenues Consultants complete the studies.

**SUBMITTED BY:**

Erik W. Brondum, P.E., Transportation Engineer